

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 December 2003 (11.12.2003)

PCT

(10) International Publication Number
WO 03/102043 A1

(51) International Patent Classification⁷: C08F 220/34, C11D 3/37, 1/62, D06M 13/46

(74) Common Representative: CIBA SPECIALTY CHEMICALS HOLDINGS INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).

(21) International Application Number: PCT/EP03/05563

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 27 May 2003 (27.05.2003)

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

(26) Publication Language: English

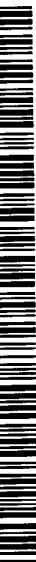
(30) Priority Data:
02405448.8 4 June 2002 (04.06.2002) EP
02405895.0 21 October 2002 (21.10.2002) EP

(71) Applicant (for all designated States except US): CIBA SPECIALTY CHEMICALS HOLDINGS INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 03/102043 A1

(54) Title: AQUEOUS POLYMER FORMULATIONS

(57) Abstract: This invention relates to thickened aqueous formulations containing cross-linked cationic polymers, novel homo- and copolymers their production and their use as thickeners for household formulations.